

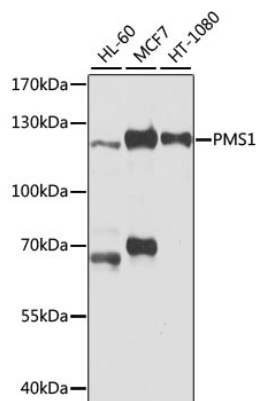


Product name:	PMS1 Rabbit Polyclonal Antibody
Cat number:	AB2183
Conjugate:	Unconjugated
Host:	Rabbit
Size:	100 ug
Synonyms:	MLH2; PMSL1; hPMS1; HNPCC3; PMS1
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	Recombinant protein. This information is considered to be commercially sensitive.
Reactivity:	Human
Applications:	WB 1:500 - 1:2000 ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular Weight:	110kDa
Purification:	Affinity purification
Background:	This gene encodes a protein belonging to the DNA mismatch repair mutL/hexB family. This protein is thought to be involved in the repair of DNA mismatches, and it can form heterodimers with MLH1, a known DNA mismatch repair protein. Mutations in this gene cause hereditary nonpolyposis colorectal cancer type 3 (HNPCC3) either alone or in combination with mutations in other genes involved in the HNPCC phenotype, which is also known as Lynch syndrome.
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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Western blot analysis of various lysates using PMS1 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 5s.

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